

3M™ Capillary Membrane MF-PP Series, Type 300/1200

Chemical Composition	
Polymer	Polypropylene
Residual oil content	≤ 200 ppm
Wetting property	Hydrophobic

Physical Properties	
Wall thickness	300 ± 35 µm (11.8 ± 1.4 mil)
Inner diameter	1175 ± 75 µm (46.3 ± 3 mil)
Burst pressure	≥ 5 bar (≥ 72.5 psi)
Implosion pressure	≥ 3 bar (≥ 43.5 psi)

Membrane Performance Characteristics	
Bubble point (in isopropyl alcohol, 23 °C)	≥ 0.96 bar (≥ 13.9 psi)
Transmembrane flow (isopropyl alcohol, 23 °C)	≥ 4.2 ml/(min cm² bar) (≥ 269 ml/(min ft² bar)) (≥ 1.9 ml/(min in² bar))

Available Make-up Configurations	
Bundles (customer specified)	

All specifications are based on 3M internal test procedures.

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